



U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT

EPA Region 5 Records Ctr.



200278

**I. HEADING**

Date: August 19, 2003

Subject: POLREP Lennon Wallpaper Site, Joliet, Will County, Illinois

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**POLREP No.: 1 - Initial Time-Critical Removal Action**

**II. BACKGROUND**

Site No.: B5W1

Delivery Order No.:

Response Authority: CERCLA

CERCLIS No.: ILD984799759

NPL Status: Not on the NPL

State Notification: IEPA notified

Action Memorandum Status: Approved

Start Date: August 11, 2003

Demobilization Date: Pending

Completion Date: Pending

Latitude: 41° 31.1583' North

Longitude: 88° 03.6138' West

**III. SITE INFORMATION**

**A. Incident Category**

The Lennon Wallpaper site is a time-critical, fund-lead removal of lead contaminated soil.

**B. Site Description**

**1. Site location**

The Lennon Wallpaper site is located T 807 4<sup>th</sup> Ave. in Joliet, Will County, Illinois. The site consists of 7 parcels of land occupying approximately 12 acres. Site removal activities are being conducted on Parcel 5. Parcel 5 is bordered on the north by a wetland, on the west by railroad tracks, on the south by Grant Avenue (vacated), and on the east by Preston Place (vacated).

**2. Description of threat**

Parcel 5 of the Lennon Wallpaper site contains and estimated 1,500 to 3,000 cubic yards of lead contaminated soil. The contaminated soil is located in a low lying wet area located on Parcel 5. The soil was contaminated by waste paints or pigments coming from the Lennon Wallpaper facility formerly located next to the property. Parcel 5 is located near a wetland and residential area and is unsecure to both human and animal populations and shows evidence of trespassing.

**C. Preliminary Assessment/Site Inspection Results**

Site characterizations and inspections conducted by the Illinois Environmental Protection Agency (IEPA) in 1990, 1992, 1995, and 2000 showed elevated levels of lead. Site assessments conducted on Parcel 5 in 2001 and 2002 by START and the U.S. EPA demonstrated elevated levels of lead, with the highest total lead concentration being 10,900 milligrams per kilogram (mg/kg) and the highest toxicity characteristic leaching procedure (TCLP) lead concentration being 100 milligrams per liter (mg/L). The screening level for total lead is 750 mg/kg and the regulatory limit for TCLP lead is

5.0 mg/L

#### IV. RESPONSE INFORMATION

##### A. Situation

###### 1. Current situation

On June 3, 2003 START and the U.S. EPA conducted a site walk through of the Lennon Wallpaper Parcel 5 site in preparation to begin site removal activities. During the walk through it was discovered that since the last site assessment large amounts of debris including wooden fencing, construction debris and fill had been placed on the site and large amounts of vegetation had been removed from the site. While at the site, START and EPA met Mr. John Reliford who was doing some work on the site. Mr. Reliford stated that he was doing work on the property owners (George Cambel) home in exchange for ownership of the property, which he intended to start a landscaping business on. Large piles of wood and construction debris as well as fill material need to be removed from the site prior to the excavation of lead contaminated soil.

###### 2. Removal activities to date

On August 11, 2003, U.S. EPA OSC Mike Harris, Tetra Tech EMI START contractor Lee Christenson, and ERRS contractor Earth Tech mobilized to the Lennon Wallpaper Parcel 5 site. ERRS mobilized site trailers, a fuel tank, a loader, and a wood chipper to the site.

On August 12, 2003, ERRS began chipping wood fencing using a wood chipper. Electric generator and phone lines were hooked up to the site trailer. START collected background air samples for lead in order to determine if lead was present in the ambient air prior to beginning excavation of lead contaminated soil.

On August 13, 2003, the chipping of wood material continued. START collected samples LW-topf-01 and LW-topf-02 from fill material placed over site to determine if the material contained any hazardous constituents. Samples of the fill material were sent to a laboratory for total metals, TCLP metals, SVOC, VOC, PCB, pesticide, and herbicide analysis. START also collected three, 1-gallon bags full of the lead contaminated soil for bench tests in order to determine the product that will be used to treat the soil onsite.

On August 14, 2003, ERRS began moving debris to the far east portion of the site, which is not believed to contain contaminated soil.

##### B. Planned Removal Activities

The removal action for the Lennon Wallpaper site consists of excavation, treatment, and disposal of lead contaminated soil on the Parcel 5 property.

##### C. Next Steps

- Complete removal of debris from the excavation area
- Excavate test pits around the area of the former low lying wet area to determine the extent of the contamination
- Begin excavation of lead contaminated soil
- Treat soil onsite
- Begin load out and disposal of lead contaminated soil

##### D. Key Issues

None.

#### V. COST INFORMATION

	Ceiling Cost	Costs	Amount Remaining
ERRS (as of 8/15/03)	\$325,000.00	\$35,573.56	\$289,426.44
START (as of 8/15/03)	\$9,750.00	\$7,303.90	\$2,446.10
Total	\$334,750.00	\$42,877.46	\$291,872.54

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

#### **VI. DISPOSITION OF WASTES**

None to date.